

U.S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE
TECHNOLOGY & DEVELOPMENT CENTER
MISSOULA, MT 59808

HELICOPTER ELAM
KIT DETAILS
(FOR BELL MODEL 210, 205, 212, 214 & 412 HELICOPTERS)

DWG NUMBER	REV
USDA200	D
SHEET 2 OF 7	

D

C

B

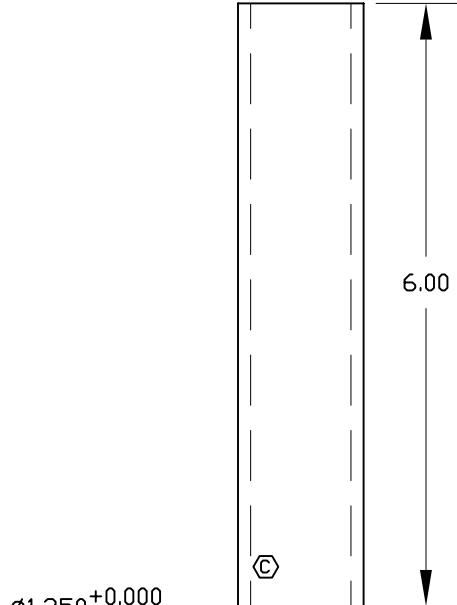
A

D

C

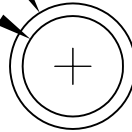
B

A

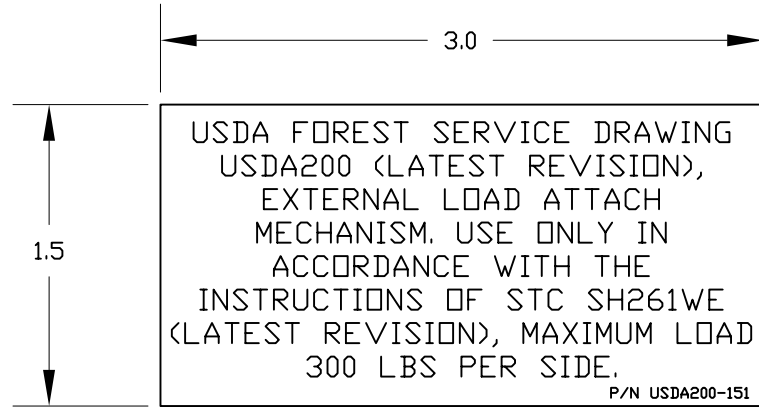


$\varnothing 1.250^{+0.000}_{-0.005}$

$\varnothing 1.000$

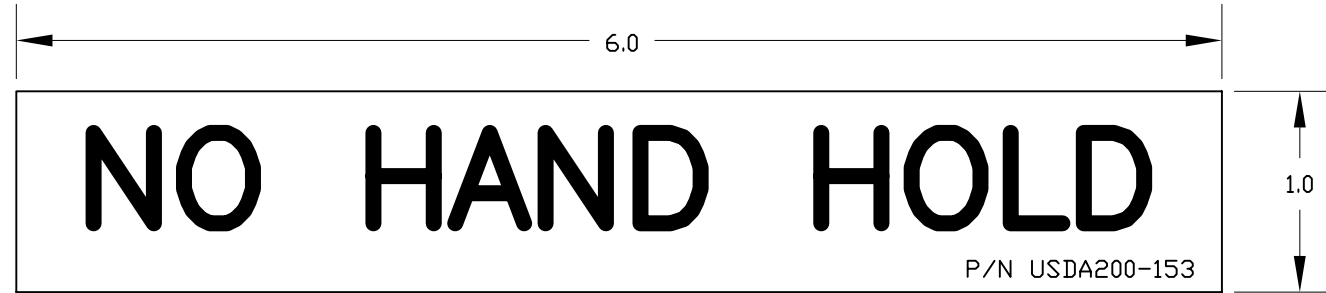



⑪ -119 INNER TUBE 
(SCALE 2:1)



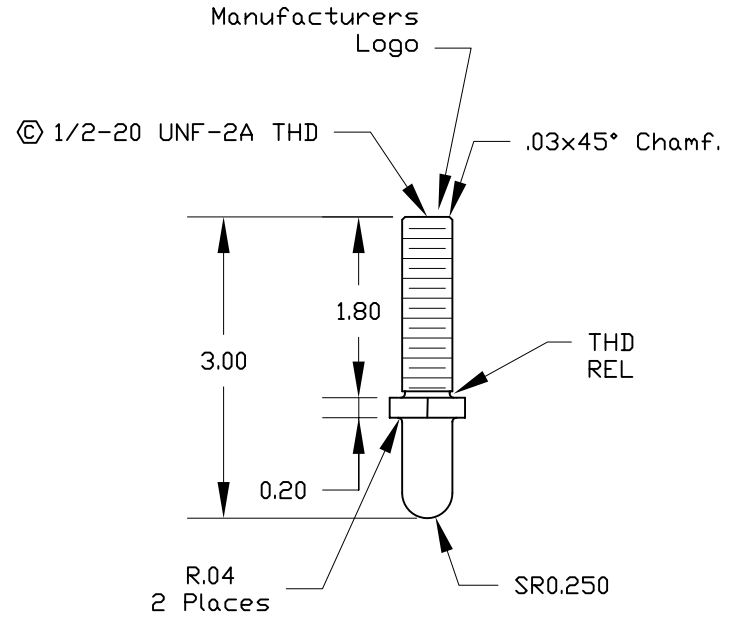
③⑥ -151 PLACARD

WHITE LETTERING WITH BLACK BACKGROUND.




 ③⑦ -153 PLACARD

YELLOW LETTERING WITH BLACK BACKGROUND. BOLD FONT.

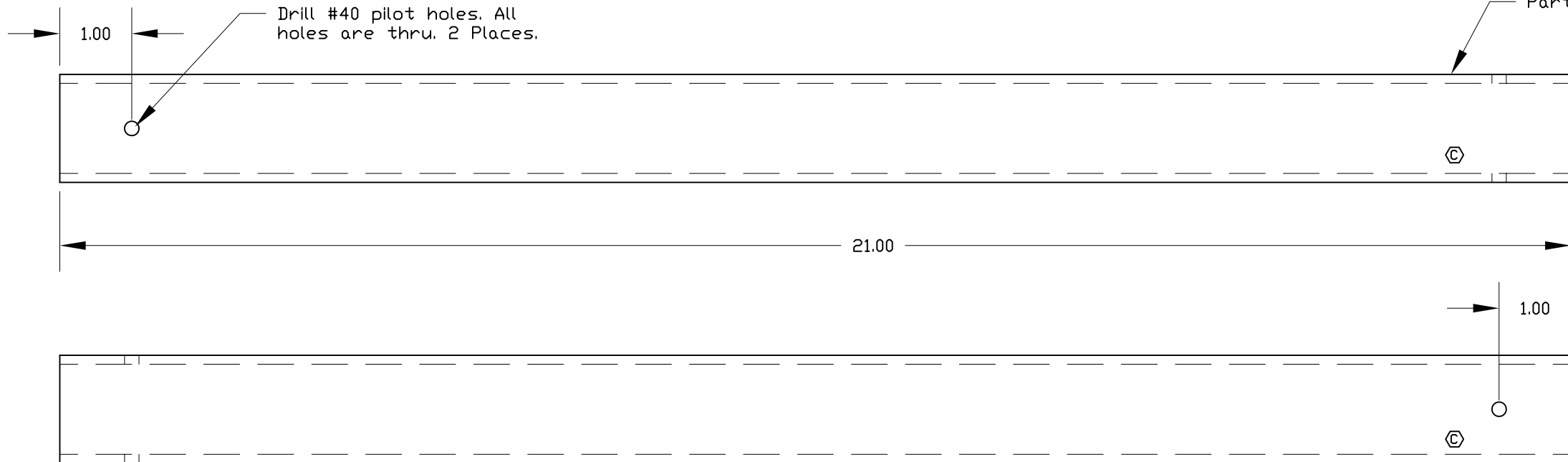


0.758

0.875

③⑩ -137 PIN 
(FULL SCALE)

PART WILL BE IDENTIFIED IN LOCATION SHOWN BY STAMPING THE MANUFACTURERS LOGO.



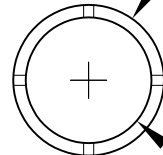
1.00

Drill #40 pilot holes. All holes are thru. 2 Places.

21.00

Part Identification

$\varnothing 1.500$



$\varnothing 1.252^{+0.002}_{-0.000}$

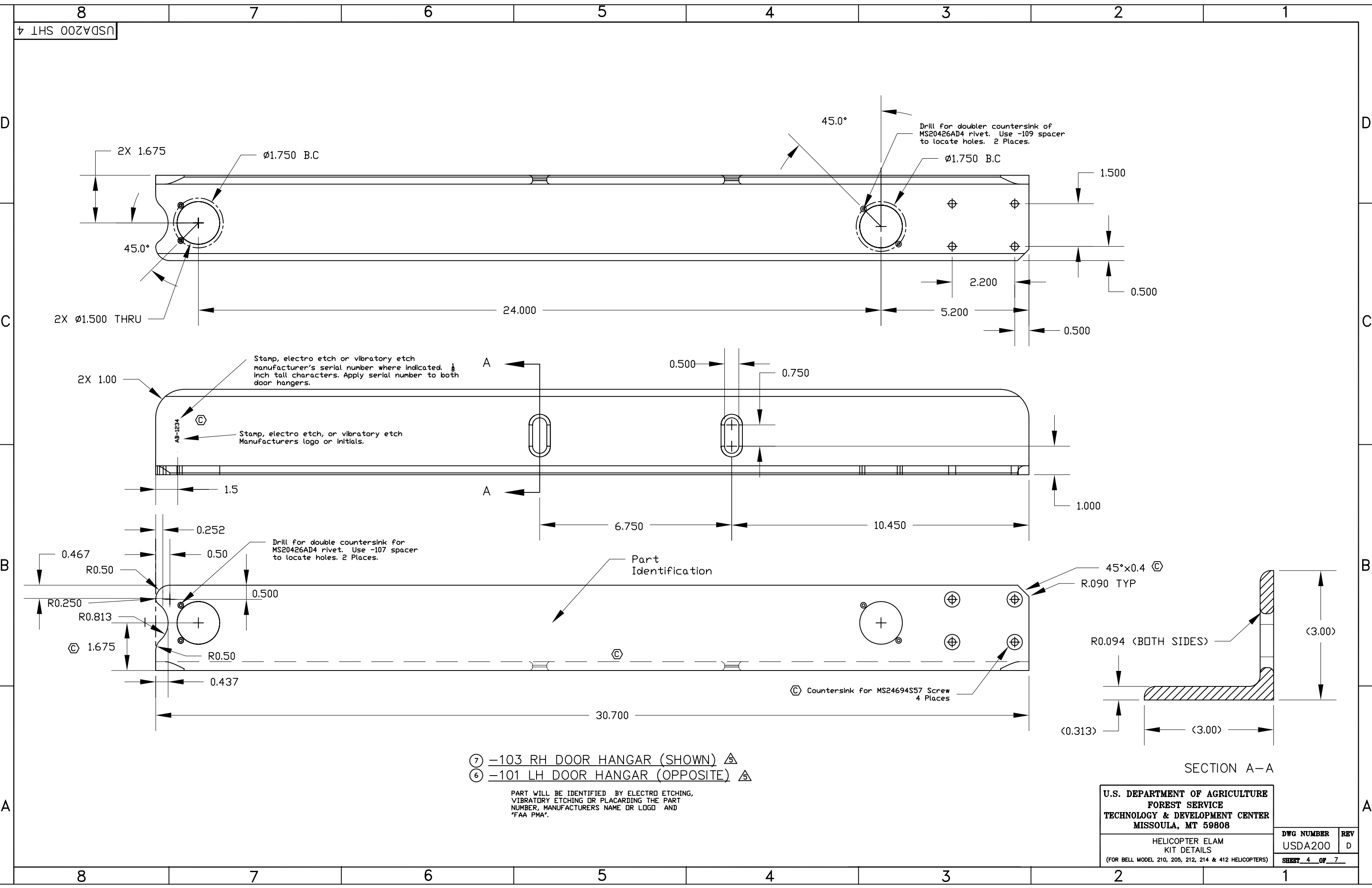
1.00

⑧ -105 X-MEMBER TUBE 
(SCALE 1:1)

PART WILL BE IDENTIFIED BY ELECTRO ETCHING, VIBRATORY ETCHING OR PLACARDING THE PART NUMBER, MANUFACTURERS NAME OR LOGO AND "FAA PMA".

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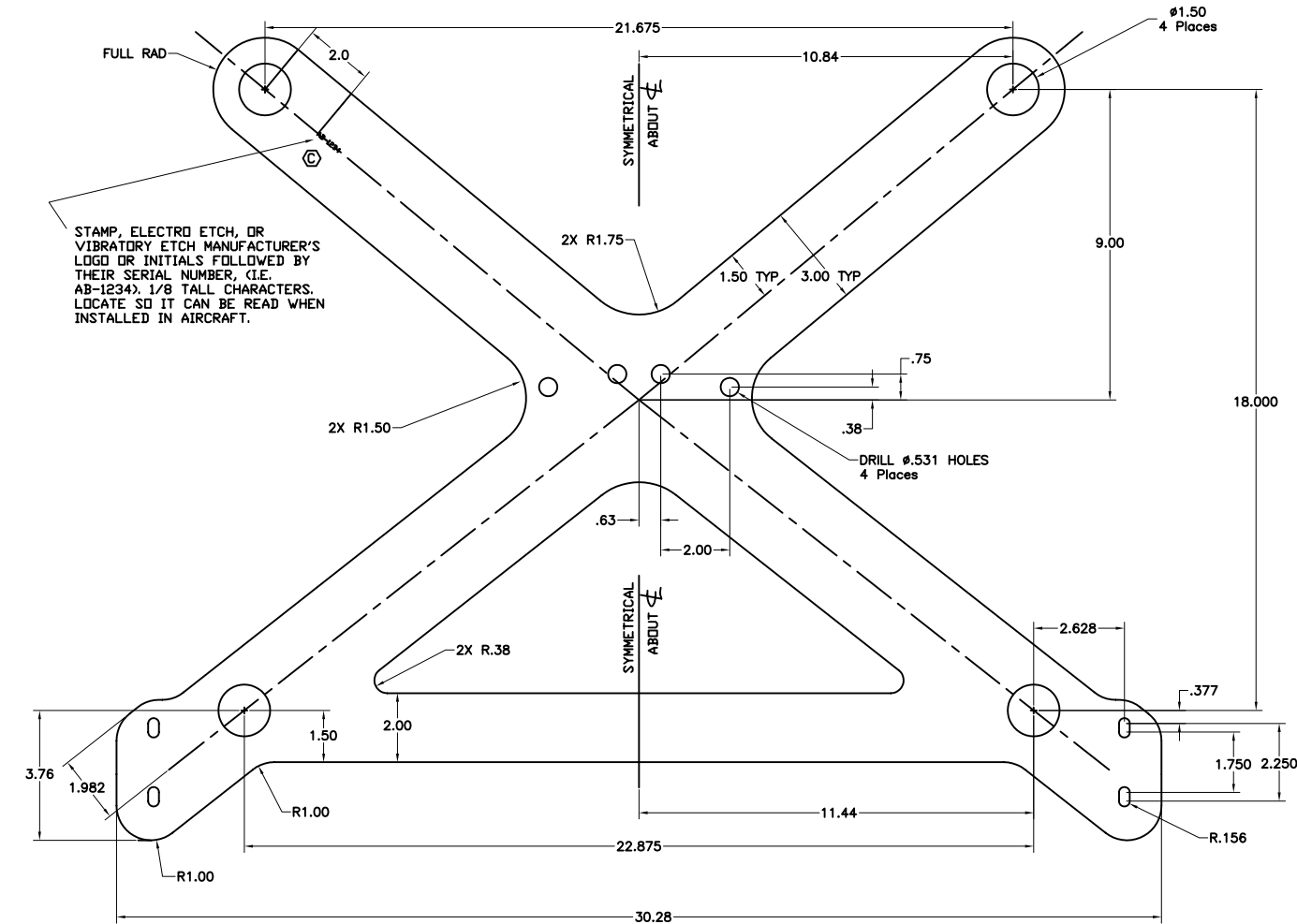
- ⑦ -103 RH DOOR HANGAR (SHOWN) ⚠
⑥ -101 LH DOOR HANGAR (OPPOSITE) ⚠

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NUMBER, MANUFACTURERS NAME OR LOGO AND
"FAA PMA".

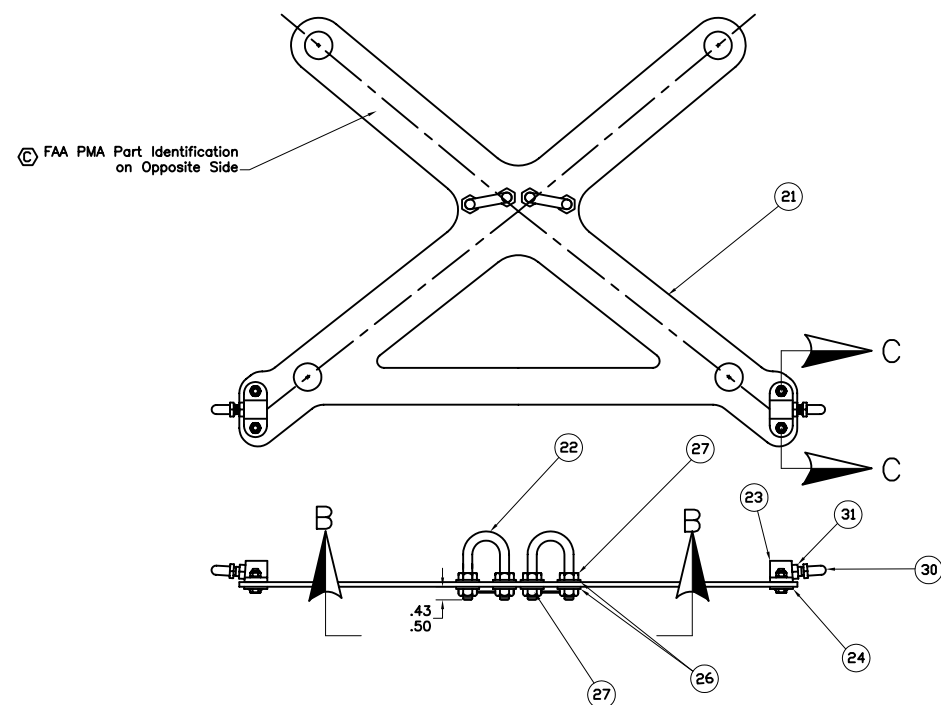
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SHEET 4 OF 7	



21 -129 CEILING BRACKET
(1/2 SCALE)



1 USDA200-021 CEILING BRACKET ASSY
(1/4 SCALE)

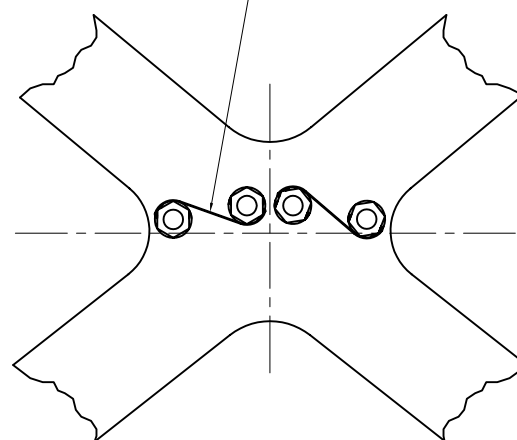
PART WILL BE IDENTIFIED ON THE BOTTOM SURFACE BY ELECTRO ETCHING, VIBRATORY ETCHING OR PLACARDING THE ASSEMBLY PART NUMBER, MANUFACTURERS NAME OR LOGO AND "FAA PMA".



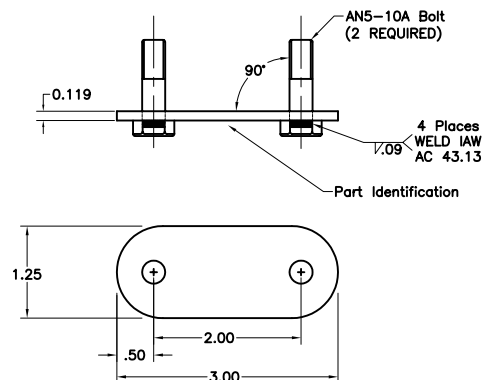
22 -131 U-BOLT
(1/2 SCALE)

PART WILL BE FORMED COLD. PART WILL BE IDENTIFIED WHERE SHOWN BY STAMPING THE MANUFACTURERS NAME OR LOGO.

TORQUE TO 600 ±60 IN.-LBS. SAFETY USING 0.041 WIRE IAW AC 43.13B (BOTH SIDES, 4 PLACES). ALLOW MINIMUM OF 2 THREADS TO SHOW.

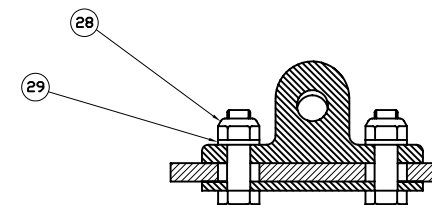


VIEW B-B
(1/2 SCALE)



24 -135 X-MEMBER NUTPLATE ASSY
(1/2 SCALE)

PART WILL BE IDENTIFIED ON THE BOTTOM SURFACE BY ELECTRO ETCHING, VIBRATORY ETCHING OR PLACARDING THE ASSEMBLY PART NUMBER, MANUFACTURERS NAME OR LOGO AND "FAA PMA".



VIEW C-C
(1/2 SCALE)

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